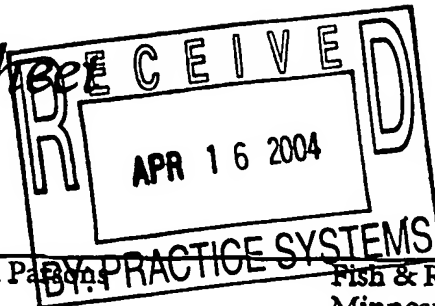


*Fax Cover Sheet*

Diagnostics

To: Dr. Angela Paterson  
Fish & Richardson P.C., P.A.  
Minneapolis, Minnesota 55402  
USA

Copies:

From: Dr. Martin Hildebrandt  
Patent Department (TR-E)  
Penzberg  
Tel. +49-8856-60-3974  
Fax +49-8856-60-3451

Date: April 16, 2004 - SDA

No. of pages: 5 (incl. cover sheet)

US Patent Application No. 10/754,223  
Your Ref. 07039-460001 - Our Case 22515 US-HIL

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* No Docketing Required*	
Reviewed By	Practice Systems
Initials:	
Reviewed By	Billig Secretary
Initials:	

Roche

Diagnostics

Via facsimile / confirmation by courier

Fish & Richardson P.C., P.A.  
Dr. Angela Parsons  
 3300 Dain Rauscher Plaza  
 60 South Sixth Street  
 Minneapolis, Minnesota 55402  
 USA

Penzberg, April 15, 2004-SDA  
 US Patent Application No. 10/754,223  
 Your Ref. 07039-460001 - Our Case 22515 US-HIL

Dear Dr. Parsons:

Reverting to your letter of February 24, 2004 in the above-referenced matter we now send you enclosed the executed Combined Declaration and Power of Attorney.

If you have any questions on this matter, please do not hesitate to contact Dr. Martin Hildebrandt, Patent Department (TR-E), at phone +49 (8856) 60 3974, fax +49 (8856) 60 3451 or E-mail martin.hildebrandt@roche.com.

Very truly yours,

Roche Diagnostics GmbH  
 i.V. i.V.

  
 Dr. Burger

  
 K.-H. Betke

Encl

22515 US 040d15 to Fish & Richardson ASSIGNMENT.doc

Roche Diagnostics GmbH

Werk Penzberg  
 Nonnenwald 2  
 D-82377 Penzberg  
 Telefon (08856) 60-0  
 Telefax (08856) 60 38 96

Sitz der Gesellschaft:  
 Mannheim  
 Registergericht Mannheim  
 HRB 3982  
 Aufsichtsrat:  
 Dr. Franz B. Humer, Vorsitzender

Geschäftsführung:  
 Dr. Jürgen Schwiazar, Vorsitzender  
 Staffan Ek, Dr. Marcel Gmünder,  
 Dr. Volker Pfahler, Burkhard Piper,  
 Dr. Susanne Reeha,  
 Peter-Claus Schiller,  
 Prof. Dr. Dr. Klaus Strelh

Attorney's Docket No.: 07039-253002

Client's Ref. No.:

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled *Detection of Bordetella*, the specification of which:

- ☐ is attached hereto.  
☒ was filed on January 9, 2004 as Application Serial No. 10/754,223.  
☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
60/265,534	January 31, 2001	Expired

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
10/062,875	January 31, 2002	Pending

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Dorothy P. Whelan, Reg. No. 33,814  
Monica McCormick Graham, Reg. No. 42,600  
J. Patrick Finn III, Reg. No. 44,109  
H. Sanders Gwin Jr., Reg. No. 33,242  
Ruffin B. Cordell, Reg. No. 33,487  
Janis Fraser, Reg. No. 34,819  
Anita L. Meiklejohn, Reg. No. 35,283  
James A. Rogers, Reg. No. 37,228

Mark S. Ellinger, Reg. No. 34,812  
Ronald C. Lundquist, Reg. No. 37,875  
Richard J. Anderson, Reg. No. 36,723  
M. Angela Parsons, Reg. No. 44,282  
Teresa A. Lavoie, Reg. No. 42,782  
Rene D. Tegtmeyer, Reg. No. 33,567  
J. Peter Fasse, Reg. No. 32,983

Direct all telephone calls to Mark S. Ellinger, Ph.D. at telephone number (612) 335-5070.

Direct all correspondence to the following:

26191  
PTO Customer Number

Attorney's Docket No.: 07039-253002  
Client's Ref. No.:

**Combined Declaration and Power of Attorney**  
Page 2 of 3 Pages

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Franklin R. Cockerill III

Inventor's Signature: Franklin R. Cockerill III

Date: 2-09-04

Residence Address: 709 9th Avenue SW  
Rochester, MN 55905

Citizenship: United States

Post Office Address: 709 9th Avenue SW  
Rochester, MN 55905

Full Name of Inventor: Robin Patel

Inventor's Signature: Robin Patel

Date: 2-13-04

Residence Address: 610 12th Avenue SW  
Rochester, MN 55902

Citizenship: United States & Canada

Post Office Address: 610 12th Avenue SW  
Rochester, MN 55902

Full Name of Inventor: Lynne M. Sloan

Inventor's Signature: Lynne M. Sloan

Date: 2-11-04

Residence Address: 2853 Stonegate Court SW  
Rochester, MN 55902

Citizenship: United States

Post Office Address: 2853 Stonegate Court SW  
Rochester, MN 55902

Full Name of Inventor: Sabine Lohmann

Inventor's Signature: Sabine Lohmann

Date: 05-04-04

Residence Address: Saalangerstr. 5  
82377 Penzberg

Germany

Citizenship: Germany

Post Office Address: Saalangerstr. 5  
82377 Penzberg  
Germany

Attorney's Docket No.: 07039-253002  
Client's Ref. No.:

**Combined Declaration and Power of Attorney**  
Page 3 of 3 Pages

Full Name of Inventor: Ulrike Salat

Inventor's Signature:

*Ulrike Salat*

Date:

*13.04.04*

Residence Address:

Birkenstr. 4  
82390 Eberfing  
Germany

Citizenship:

Germany

Post Office Address:

Birkenstr. 4  
82390 Eberfing  
Germany

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# Fax Cover Sheet

Roche

Diagnostics

To: Dr. Angela Parsons  
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USA

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Very truly yours,

Roche Diagnostics GmbH  
i.V. i.V.



Dr. Burger



K.-H. Betke

Encl

22515 US 040415 to Fish & Richardson ASSIGNMENT.doc

Roche Diagnostics GmbH

Werk Penzberg  
Nonnenwald 2  
D-82377 Penzberg  
Telefon (08856) 60-0  
Telefax (08856) 60 38 98

Sitz der Gesellschaft:  
Mannheim  
Registergericht Mannheim  
HRB 3982  
Aufsichtsrat:  
Dr. Franz B. Humer, Vorsitzender

Geschäftsführung:  
Dr. Jürgen Schwizer, Vorsitzender  
Staffan Ek, Dr. Marcel Gmünder,  
Dr. Volker Pfahler, Burkhard Piper,  
Dr. Susanne Ræhe,  
Peter-Claus Schiller,  
Prof. Dr. Dr. Klaus Strein

Attorney's Docket No.: 07039-253002  
Client's Ref. No.:

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled *Detection of Bordetella*, the specification of which:

- ☐ is attached hereto.  
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☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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 Ruffin B. Cordell, Reg. No. 33,487  
 Janis Fraser, Reg. No. 34,819  
 Anita L. Meiklejohn, Reg. No. 35,283  
 James A. Rogers, Reg. No. 37,228

Mark S. Ellinger, Reg. No. 34,812  
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 M. Angela Parsons, Reg. No. 44,282  
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 Rene D. Tegtmeyer, Reg. No. 33,567  
 J. Peter Fasse, Reg. No. 32,983

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26191  
PTO Customer Number



Attorney's Docket No.: 07039-253002

Client's Ref. No.:

**Combined Declaration and Power of Attorney**

Page 2 of 3 Pages

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Inventor's Signature: Franklin R. Cockerill IIIDate: 2-09-04

Residence Address:

709 9th Avenue SW  
Rochester, MN 55905

Citizenship:

United States

Post Office Address:

709 9th Avenue SW  
Rochester, MN 55905

Full Name of Inventor: Robin Patel

Inventor's Signature: Robin PatelDate: 2-13-04

Residence Address:

610 12th Avenue SW  
Rochester, MN 55902

Citizenship:

United States &amp; Canada

Post Office Address:

610 12th Avenue SW  
Rochester, MN 55902

Full Name of Inventor: Lynne M. Sloan

Inventor's Signature: Lynne M. SloanDate: 2-11-04

Residence Address:

2853 Stonegate Court SW  
Rochester, MN 55902

Citizenship:

United States

Post Office Address:

2853 Stonegate Court SW  
Rochester, MN 55902

Full Name of Inventor: Sabine Lohmann

Inventor's Signature: Sabine LohmannDate: 05-04-04

Residence Address:

Saalangerstr. 5  
82377 Penzberg  
Germany

Citizenship:

Germany

Post Office Address:

Saalangerstr. 5  
82377 Penzberg  
Germany

Attorney's Docket No.: 07039-253002

Client's Ref. No.:

**Combined Declaration and Power of Attorney**

Page 3 of 3 Pages

Full Name of Inventor: Ulrike Salat

Inventor's Signature:

Residence Address:

Citizenship:

Post Office Address:

60191407.doc

Ulrike Salat

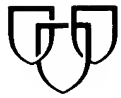
Date: 13.04.04

Birkenstr. 4  
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Germany

Germany

Birkenstr. 4  
82390 Eberfing  
Germany



Mayo Medical Ventures

200 First Street SW  
Rochester, Minnesota 55905  
507-284-2511

April 30, 2004

**Technology Commercialization**  
507-284-8878

M. Angela Parsons, Ph.D.  
Technology Specialist  
Fish & Richardson, P.C., P.A.  
3300 Dain Rauscher Plaza  
60 South Sixth Street  
Minneapolis, MN 55402

RE: DETECTION OF BORDETELLA  
Application No.: 10/754,223  
Inventor: Cockerill et al.  
Your Ref. No.: 07039-253002  
Our Ref. No.: MMV-00-130

Dear Angela:

Enclosed please find the Assignment document fully executed by all Mayo inventors regarding the above-referenced application.

If I can be of any further assistance, please do not hesitate to let me know.

Sincerely,

Susan L. Stoddard, Ph.D.  
Technology Licensing Manager

SLS/jvj  
Enclosure

ASSIGNMENT

For valuable consideration, I, Lynne M. Sloan, of 2853 Stonegate Court SW, Rochester, MN 559022, an inventor of the inventions and improvements that are the subject of an application for United States Patent entitled *Detection of Bordetella*, filed January 9, 2004, and assigned U.S. Serial Number 10/754,223, hereby assign to Mayo Foundation for Medical Education and Research, a corporation of Minnesota having a place of business at: 200 First Street SW, Rochester, MN 55905, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world of the inventions and improvements which are the subject of the above-referenced application for United States Patent.

This Assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements. This Assignment includes the right to claim priority based upon the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, Assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

I, Lynne M. Sloan, inventor of the above-referenced inventions and improvements,  
hereby execute this Assignment on this 26<sup>th</sup> day of April, 2004, in the presence of  
the below-identified notary.

Lynne M Sloan

Lynne M. Sloan

County of: Olmsted }  
: SS.  
State of: Minnesota }

Before me on this 26<sup>th</sup> day of April, 2004, personally appeared  
Lynne M. Sloan, known to me to be the person whose name is subscribed to the foregoing  
Assignment, and acknowledged that she executed the same as her free act and deed for the  
purposes therein contained.

Kerri Ryni Isder L.S.  
Notary Public

My Commission Expires:

[Notary's Seal Below]



60192537.doc

ASSIGNMENT

For valuable consideration, I, Robin Patel, of 610 12th Avenue SW, Rochester, MN 55902, an inventor of the inventions and improvements that are the subject of an application for United States Patent entitled *Detection of Bordetella*, filed January 9, 2004, and assigned U.S. Serial Number 10/754,223, hereby assign to Mayo Foundation for Medical Education and Research, a corporation of Minnesota having a place of business at: 200 First Street SW, Rochester, MN 55905, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world of the inventions and improvements which are the subject of the above-referenced application for United States Patent.

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I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, Assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

I, Robin Patel, inventor of the above-referenced inventions and improvements, hereby execute this Assignment on this 26 day of April, 2004, in the presence of the below-identified notary.

Robin Patel  
Robin Patel

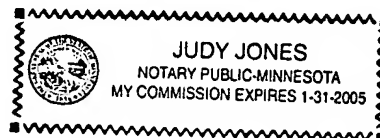
County of: Olmsted }  
: SS.  
State of: Minnesota }

Before me on this 26 day of April, 2004, personally appeared Robin Patel, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that she executed the same as her free act and deed for the purposes therein contained.

Judy Jones L.S.  
Notary Public

My Commission Expires:

[Notary's Seal Below]



ASSIGNMENT

For valuable consideration, I, Franklin R. Cockerill III, of 709 9th Avenue SW, Rochester, MN 55905, an inventor of the inventions and improvements that are the subject of an application for United States Patent entitled *Detection of Bordetella*, filed January 9, 2004, and assigned U.S. Serial Number 10/754,223, hereby assign to Mayo Foundation for Medical Education and Research, a corporation of Minnesota having a place of business at: 200 First Street SW, Rochester, MN 55905, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world of the inventions and improvements which are the subject of the above-referenced application for United States Patent.

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I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, Assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.



I, Franklin R. Cockerill III, inventor of the above-referenced inventions and improvements, hereby execute this Assignment on this 27 day of April, 2004, in the presence of the below-identified notary.

Franklin R Cockerill III  
Franklin R. Cockerill III

County of: Olmsted }  
: SS.  
State of: Minnesota }

Before me on this 27<sup>th</sup> day of April, 2004, personally appeared Franklin R. Cockerill III, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Kerri Ryni Isder L.S.  
Notary Public

My Commission Expires:

[Notary's Seal Below]

